

What is claimed is:

- 5 1. An electronic still camera comprising:
a camera section for photographing a subject as an
electronic image through an image sensor and recording the
electronic image as digital image data in a memory;
a printer section for printing an image of the subject
on a recording material based on the digital image data; and
a power source section comprising a first power source
10 for supplying the camera section and a second power source for
supplying the printer section separately from each other.
- 15 2. An electronic still camera as claimed in claim 1,
wherein the recording material is a photographic material.
- 20 3. An electronic still camera as claimed in claim 2,
wherein the printer section comprises a printing head that
projects light onto the photographic material across a line in
accordance with the image data while moving relative to the
photographic material.
- 25 4. An electronic still camera as claimed in claim 1,
wherein the second power source has a larger capacity than the
first power source.
5. An electronic still camera as claimed in claim 4,
wherein the second power source is constituted of secondary
batteries.

6. An electronic still camera as claimed in claim 4, wherein the second power source is constituted of batteries of a type that is compatible with a battery for the first power source.

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7. An electronic still camera as claimed in claim 1, further comprising a switching device for connecting the second power source to the camera section, and for connecting the first power source to the printer section.

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8. An electronic still camera as claimed in claim 7, wherein the switching device is controlled depending upon input signals entered through external operation.

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9. An electronic still camera as claimed in claim 7, further comprising a device for checking respective voltages of the first and second power sources, and outputting a signal when the voltage of the first or the second power source goes below a respective lower limit, wherein the switching device connects, in response to the signal from the checking device, one of the power sources whose voltage is still above the lower limit to the camera section and the printer section.

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10. An electronic still camera as claimed in claim 1, wherein the second power source is accommodated in a housing that is attached to a camera body in a removable fashion.

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